CLINICAL INFORMATICS

Credit: Selective C  Location: Norris Medical Library and selected partner facilities  Revised: 5/27/08

Applications will be accepted beginning July 1

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COURSE OBJECTIVES:
Students will be able to:
1. Discuss clinical informatics with an emphasis on current issues.
2. Assess a functioning HER, PHR, or HIT system. Identify limitations and opportunity.
3. Report assessment findings in a structured format.
4. Describe an optimal approach to the use of clinical data for research purposes.
5. Demonstrate skills (appropriate to prior training) in the use of hardware, software, and online resources.

PREREQUISITES: None
NUMBER OF STUDENTS: 8 maximum

DURATION: 4 weeks
VISITING STUDENTS: Will be considered

DATES OFFERED: Once each year
Rotation scheduled: TBD based on student input

DESCRIPTION:
Through a series of on- and off-campus activities, the study of selected resources (primarily web-based), and a faculty-directed mini-project, students will develop knowledge and application skills that will promote their ability to gather, interpret, and manage data in the clinical setting. By learning about the barriers to data management as well as the opportunities in the current clinical environment, students will be better prepared to make important contributions to both clinical care and clinical research. Off-campus experience may be at CHLA, Harbor-UCLA, VA Greater Los Angeles Health Care System, and/or City of Hope National Medical Center.

REFERENCE:
AHRQ National Resource Center for Health Information Technology; Health IT Bibliography

The Health IT Bibliography is a collection of carefully selected, high quality resources for health care and information technology (IT) stakeholders searching for information on how health IT can transform care delivery processes and improve quality, safety, and efficiency. For each category below, users will find a mixture of both peer-reviewed articles from professional journals and web-based resources from highly respected health care and IT organizations. Summaries of each item are provided in addition to a link for users to access the full resource. This resource is designed to be dynamic, growing with the health IT community to include new knowledge, resources, and technologies. Organizational Strategy: Adoption Strategies, Business Case. Technology: Clinical Decision Support Systems (CDSS), Computerized Provider Order Entry (CPOE) Systems, Electronic Health Record (HER) Systems, Electronic Prescribing (eRx), Health Information Exchange (HIE), Standards and Interoperability. Evaluation: Evaluation Studies in Health IT, Patient Safety, Workflow Analysis.

EVALUATION:
Students will be informed of expectations and methods of evaluation during orientation on the first day of the rotation. Students are required to attend discussions (2-4 hours/week) and complete all reading and project-related assignments. The faculty will provide regular evaluations based on consistent participation and completion of assignments.

*Selective Attendance and Illness Policy
In order to insure adequate clinical exposure, no more than 3 days of excused absences (to include official Holidays) can be accepted during a selective. This policy does not imply that absences are guaranteed; absences may be excused at the discretion of the faculty. Absence due to illness must be reported to the faculty or his/her designee as soon as possible. In case of extended absence (2 days or more), a note from a physician (who is not a relative) is required and the absence will be reported to the Office of Student Affairs. A physician note may be requested for any absence, at the discretion of the faculty.

Students will generally be required to make up days before a passing grade can be assigned. All absences must be excused and any planned absence must be registered with the preceptor prior to the first day of the selective. Students should take vacation time if he/she anticipates a need for more than 3 absences during a selective. USMLE and BLS/ACLS will not be considered excused absences.